



Peak Experiences

June - November 2009
The official visitor guide to
Lassen Volcanic National Park



What Do You Have to Gain?

It seems like just another routine hike to Bumpass Hell when suddenly everything changes. You feel a tap on your shoulder, and then hear a voice whisper, “Psst, hey buddy, you want some free money?” As you turn around, a million thoughts race around in your head: Is this for real? What’s the catch? The person behind the voice comes into view. It is a park ranger. “Don’t worry, it’s legal” says the ranger quickly. “The only catch is you have to learn and care about preserving and protecting planet Earth for this and future generations.” Now curious, you ask the ranger to continue, and this is what you learned.

The National Park Service is tasked to preserve and protect some of the most incredible treasures on the face of the earth, but the earth is changing. Global temperatures are rising, causing the plants, animals, and places we love to be harmed. We know that climate change is a very complex and very real threat. The science is strong, but so is the cumulative effect each of us can make through our everyday decisions. We can make a difference and save some money doing it. The first step is asking a basic question. What can we do better?

At Lassen Volcanic, one of the many ways we are doing better is by conserving energy, thus saving money while reducing our carbon footprint. This was the central goal when we designed and built our new sustainable Kohm Yah-mah-nee Visitor Center. Energy saving features of the visitor center include: daylight

harvesting to reduce the need for artificial light, the use of ultra long-lasting and energy-efficient LED lamps in the exhibit area, partial heating and cooling using a ground loop heat pump system, and the orientation of the building’s overhangs to generate shade in the summer and let more sun in during the winter. Parkwide energy saving improvements we have made include installing motion sensors in most outdoor lighting fixtures, reducing our number of vehicles, making plans to purchase hybrid vehicles, and upgrading buildings to energy-saving insulation. These energy and money saving activities are just the first steps towards our goal of becoming a carbon-free park by the year 2016.

“Impressive,” you respond, “but the National Park Service is a large government agency with a lot of resources and money at its fingertips. What can I do better as a private citizen and how do I get that free money you were talking about?”

“Just asking those questions is the first step,” says the ranger. “What if I told you that with a little bit of effort and a small investment you could reduce your energy needs by 25 percent or more?”

(Continued on page 9)



Lassen
Association

This newspaper is made possible by a donation from the Lassen Association.
www.lassenassociation.org

Welcome

Welcome to Lassen Volcanic National Park. As many of you may already know, the park has received press coverage as a top vacation destination. We are thrilled the word is spreading, and even happier that you came to visit. Here you will find opportunities to visit over 50 tranquil mountain lakes, explore active hydrothermal areas, camp under the brilliant night sky, fish slow-rolling mountain streams, and hike trails that have sweeping vistas or go deep into old-growth forests. I invite you to read this visitor guide, talk to a ranger, or use our website to plan your dream visit. Lassen Volcanic truly has a lot to offer, as you will see for yourself.

The mission of the National Park Service is to preserve and protect the features that make Lassen Volcanic special. The challenge of global climate change poses serious threats to the park and surrounding areas. To meet this challenge head-on, Lassen Volcanic has begun to change and adapt our management policies and operations. The focus on sustainable design for our new Kohm Yah-mah-nee Visitor Center is just a part of our long-term strategy. We have started a series of green initiatives meant to reduce our carbon footprint. Currently, we are looking to reduce vehicle use and incorporate hybrid vehicles into our fleet. We are purchasing more recycled and green products. You can read about these initiatives and more in this visitor guide.

As you enjoy your park, keep in mind that the National Park Service is committed to preserving and protecting our nation’s heritage for this and future generations. Ask a ranger how you can do your part while visiting Lassen Volcanic National Park.

Darlene M. Koontz
Superintendent

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National Park Service
U.S. Department of the Interior

Lassen Volcanic National Park
P.O. Box 100
Mineral, CA 96063-0100

Welcome to Lassen Volcanic National Park



National Park Service
U.S. Department
of the Interior



Contact Information

Kohm Yah-mah-nee Visitor Center

Phone: (530) 595-4480 (year round)
Fax: (530) 595-4477

Loomis Museum

Phone: (530) 595-4444 x5180 (summer only)
Fax: (530) 335-7085

Website

<http://www.nps.gov/lavo>

Email Address

lavo_information@nps.gov

Mailing Address

Lassen Volcanic National Park
P.O. Box 100
Mineral, CA 96063-0100

Park Profile

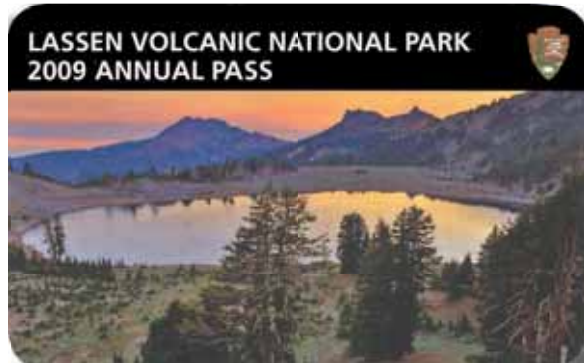
Lassen Volcanic National Park was first established as Cinder Cone and Lassen Peak National Monuments in 1907. Lassen Volcanic became a national park in 1916 because of its significance as an active volcanic landscape.

Lassen Peak began erupting in 1914, had its most spectacular activity in 1915, and experienced minor activity until 1917. All four types of volcanoes in the world plus active hydrothermal areas are found in the park's 106,000 acres. Lassen Peak is one of the largest plug dome volcanoes in the world. It is considered to be active today.

Elevations above sea level -

- Manzanita Lake: 5,900 feet (1,798 meters)
- Lassen Peak: 10,457 feet (3,187 meters)
- Butte Lake: 6,100 feet (1,859 meters)
- Warner Valley: 5,600 feet (1,707 meters)
- Juniper Lake: 6,800 feet (2,073 meters)
- Kohm Yah-mah-nee Visitor Center: 6,700 feet (2,042 meters)
- Road's Summit: 8,512 feet (2,595 meters)

Welcome
Bienvenue
Bienvenidos
Wilkommen
Benvenuti



Entrance Fee Options

- **7-day pass** for Lassen Volcanic National Park: \$10 per vehicle/motorcycle or \$5 per person on foot, bicycle, or bus.
- **Annual pass** for Lassen Volcanic National Park and Whiskeytown National Recreation Area: \$25 admits all passengers in a private vehicle for one year from month of purchase.
- **America The Beautiful pass: \$80** Provides access to, and use of, Federal recreation sites that charge an entrance or standard amenity fee for a year, beginning from the date of sale. The pass admits the pass holder/s and passengers in a non-commercial vehicle at per vehicle fee areas and pass holder plus 3 adults, not to exceed 4 adults, at per person fee areas (children under 16 are admitted free). The pass can be obtained in person at the park, by calling 1-888-ASK-USGS, ext. 1, or via the Internet at <http://store.usgs.gov/pass>.
- **Lifetime Interagency Passes:** Senior (62 years old and over) \$10.00
- **Access:** Permanently disabled Free

Kids In Parks

Lassen Volcanic National Park is a wonderful place where you and your children can discover and experience the natural world. Get outside and explore some of the park's 150 miles of trails. Climb up a volcano or take an unforgettable hike to Bumpass Hell, where the boardwalk winds through steaming fumaroles and bubbling mudpots. Lakes, streams, and flower-filled meadows provide beautiful learning experiences for children of all ages and abilities. You can observe waterfowl and songbirds during a quiet stroll around scenic Manzanita Lake. Visit the Devastated Area Interpretive Trail and become a Volcanologist looking for clues to solve the mysteries of Lassen Peak's eruption. Time spent in the park and outdoors is stimulating and provides physical, psychological, and social benefits to children and their families.

The park offers a variety of scheduled ranger-led programs and activities to connect children with nature. These programs provide fun and challenging ways to learn and discover the area in a beautiful outdoor setting. Experience the wonders of a star-filled night sky at the Starry Nights program, or step back in time to 1853 along the Nobles Emigrant Trail at the pioneer program.

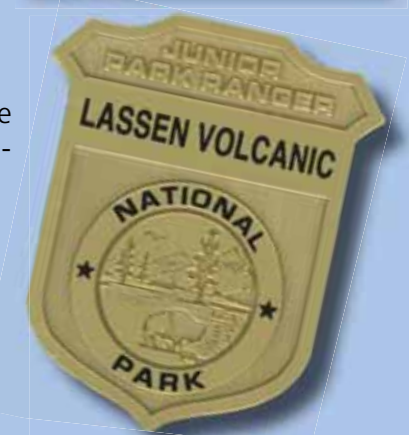
Become a junior ranger and explore the forest with hands-on activities geared to children ages seven to twelve. Young children, ages four to six, can learn about wildlife "using all of their senses" in the Sense of Wonder program.

Getting children involved and immersed in the park is especially important to our national parks. Today's youth are the future stewards of our treasured parks. Kids engaged in outdoor park activities build important connections that lead to lifelong appreciation of "America's Best Idea." So get outside and experience your park by taking the junior ranger pledge to explore, learn, and protect Lassen Volcanic National Park.

Kids - Become Junior Park Rangers!

Are you between ages 7 and 12? Do you want to learn and have fun while exploring Lassen Volcanic National Park? Follow these 3 steps to earn your official Junior Ranger badge.

1. Pick up an activity book from the Loomis Museum or Kohm Yah-mah-nee Visitor Center.
2. Attend a Junior Ranger Program listed on page 3.
3. Complete the rest of your activity guide and bring it to the Loomis Museum or Kohm Yah-mah-nee Visitor Center to get your badge.



Get Involved!

Keeping active, meeting new people, learning new skills, or teaching others is not only fun and healthy, but a way to help accomplish work important for the resource preservation and visitor services at Lassen Volcanic National Park.

Contribute a few hours or a few months and assist park visitors and staff. Your time, energy, and talents would be very much appreciated. Perhaps you would like to assist with:

- * Campground Hosting
- * Visitor Contact Stations
- * Visitor and Education Activities
- * Natural Resource Field Surveys
- * Non-Native Plant Removal Projects
- * Groundskeeping
- * Trail, Campground, & Building Maintenance
- * Clerical & Library Work
- * Computer Projects



- * Photography
- * Search & Rescue
- * Ski Patrolling

For more information contact the Park Volunteer Program Coordinator, Lassen Volcanic National Park, P.O. Box 100, Mineral, CA 96063-0100, telephone (530) 595-4444 ext. 5133, e-mail nancy_bailey@nps.gov.

Ranger Programs

Programs run from June 19 to August 16, 2009 and are 45 minutes long unless otherwise noted. Check bulletin boards for a program schedule from August 17 to September 7, 2009.

SUNDAY

9:30 a.m. - Sense of Wonder
Meet outside the Manzanita Lake Camper Store.
A special program for young children ages 4 to 6. Emphasis on outdoor activities that promote nature awareness through the use of the senses. Parents are welcome but not required to attend. (90 minutes)

9:30 a.m. - Junior Rangers
Meet at the Manzanita Lake Amphitheater.
If you are 7 to 12 years old join this fun adventure and learn about the park through games, activities, and observations. Become a Junior Ranger. (2 hours)

11:00 a.m. - Active Earth: Hydrothermal Areas of Lassen Volcanic NP
Meet at the Sulphur Works Parking Area
Mud pots, steam and gas vents, and boiling ponds... Such features remind us that our planet is alive and constantly transforming. With a ranger, discover where you can find fascinating hydrothermal features in the park, and learn how they were created.

1:00 p.m. - A Land of Volcanoes
Meet outside the Loomis Museum.
Did you know that every mountain in the park is a volcano or part of one? Learn about the geology and volcanic history of the park through this interesting program.

1:30 p.m. - It’s Easy Being Green
Meet on the back patio of the Kohm Yah-mah-nee Visitor Center
Learn how the effects of climate change have influenced the design of the brand new Kohm Yah-mah-nee Visitor Center and what you can do to lessen your impact on the planet whether you are at home or at the park.

2:30 p.m. - Fault Talk
Meet at the Seismograph Station by the Loomis Museum.
A talk and demonstration on how geologists monitor the park’s volcanic hazards and measure Lassen’s seismic activity.

MONDAY

10:30 a.m. - On the Wild Side
Meet outside the Loomis Museum.
Discover some of the “wilder sides” of the park. Topics vary from natural to cultural history.

1:30 p.m. - Cougar: The American Mountain Lion
Meet outside the Loomis Museum.
This majestic member of the cat family personifies strength, grace, mystery, and the wilderness spirit. Join a park ranger and discover little known secrets about the cougar and its lifestyle.

TUESDAY

9:30 a.m. - Junior Rangers
Meet at the Manzanita Lake Amphitheater.
If you are 7 to 12 years old join this fun adventure and learn about the park through games, activities, and observations. Become a Junior Ranger. (2 hours)

11:00 a.m. - On the Wild Side
Meet outside at the Kohm Yah-mah-nee Visitor Center Amphitheater
Discover some of the “wilder sides” of the park. Topics vary from natural to cultural history.

2:30 p.m. - Pioneers
Meet at the Manzanita Lake Amphitheater.
It’s 1853 along the wagon road called the Noble’s Emigrant Trail. You will visit a pioneer camp and meet some rugged travelers who tell about their journey to California.

WEDNESDAY

10:00 a.m. - Blown from a Volcano
Meet outside the Loomis Museum.
Did you know that every mountain in the park is a volcano or part of one? Learn about the geology and volcanic history of the park through this interesting program.

10:00 a.m. - Junior Ranger Discovery Walk
Meet at the Kohm Yah-mah-nee Visitor Center Amphitheater
If you are 7 to 12 years old, join a park ranger for outdoor adventure and discover the plants and animals that live in an old-growth red fir forest.

2:00 p.m. - Bear Necessities
Meet outside the Loomis Museum.
Learn about black bears and how you can help keep them wild in Lassen Volcanic National Park. Join us for this fun-filled program.

7:30 p.m. in July. 7:00 p.m. in August - Summit Lake Evening Program
Meet at the Summit Lake Amphitheater.
Join a park ranger for a lively program about the park’s natural or cultural history.

9:00 p.m. - Starry Nights
Meet at the Devastated Area Parking Area
Join a park ranger for stars, planets, galaxies, and ancient myths under a brilliant night sky.

THURSDAY

9:30 a.m. - It’s a Wildlife Neighborhood
Meet at the Manzanita Lake Camper Store
Join a park ranger for a casual walk on the Manzanita Lake Trail and learn about the many species of birds and mammals that call Manzanita Lake their home. (1 hour)

11:00 a.m. - Before There Was a Park
Meet at the Kohm Yah-mah-nee Visitor Center Amphitheater
Native American tribes have called the Lassen area “home” for centuries, yet it is hard to imagine their past presence today. What happened to those people who had come before us? With a ranger, explore who those people were, where they came from, and what their lives were like.

11:30 a.m. - Junior Firefighters
Meet outside the Loomis Museum.
If you are 7 to 12 years old join in on an exciting program and discover wildfires role in our national parks. Become a Junior Firefighter.

1:30 p.m. - Stories in Stone
Meet outside the Loomis Museum.
Learn about the fascinating stories in stone that can be seen from the Manzanita Lake area. Examine the rocks that have shaped this volcanic landscape.

FRIDAY

10:30 a.m. - Wildlife Connections
Meet outside the Loomis Museum.
Learn about the park’s wildlife and hear stories about their amazing lifestyles.

11:00 a.m. - Nature’s Splendor
Meet at the Kohm Yah-mah-nee Visitor Center Amphitheater
Lassen lies at a crossroads of three biologically diverse regions. Learn about this incredible environment.

1:00 - 3:00 p.m. - Discovery Center
Check out the exhibits and join a park ranger for ongoing short programs and demonstrations on various natural history subjects. Inquire at the Loomis Museum for directions to the Discovery Center.

1:30 p.m. - On the Wild Side
Meet outside the Loomis Museum.
Discover some of the “wilder sides” of the park. Topics vary from the natural to the cultural history.

7:30 p.m. in July. 7:00 p.m. in August. - Summit Lake Evening Program
Meet at the Summit Lake Amphitheater.
Join a park ranger for a lively program about the park’s natural or cultural history.

9:00 p.m. in June and July. 8:30 p.m. in August. - Evening Slide Program
Meet at the Manzanita Lake Amphitheater.
Join a park ranger for an evening slide program about the park’s natural or cultural history.

SATURDAY

8:00 a.m. - Early Birds
Meet outside the Manzanita Lake Camper Store.
Take an easy walk and discover the birds of Manzanita Lake. (1 hour)

9:30 a.m. - Junior Rangers
Meet at the Manzanita Lake Amphitheater.
If you are 7 to 12 years old join this fun adventure and learn about the park through games, activities, and observations. Become a Junior Ranger. (2 hours)

10:00 a.m. - Mill Creek Falls Discovery Hike
Meet at the Kohm Yah-mah-nee Visitor Center Amphitheater
Join a ranger for a moderate hike to the tallest park waterfall - 75 foot Mill Creek Falls. Discover the diversity of life through a red fir forest. (2 hours)

1:00 p.m. - Predator and Prey the Biodiversity Way
Meet outside the Loomis Museum.
Learn about predator and prey animals in the park and hear stories about their amazing connections in the web of life.

1:30 p.m. - The Ghost of Brokeoff Volcano
Meet at the Sulphur Works Parking Area
There was once a volcano taller than Lassen Peak that towered over the landscape of what is now Lassen Volcanic National Park. Come and learn about the ghost of Brokeoff Volcano and other geologic features of the park.

2:30 p.m. - Pioneers
Meet at the Manzanita Lake Amphitheater.
It’s 1853 along the wagon road called the Noble’s Emigrant Trail. You will visit a pioneer camp and meet some rugged travelers who tell about their journey to California.

7:30 p.m. in July. 7:00 p.m. in August. - Summit Lake Evening Program
Meet at the Summit Lake Amphitheater.
Join a park ranger for a lively program about the park’s natural or cultural history.

9:00 p.m. in June and July. 8:30 p.m. in August. - Evening Slide Program
Meet at the Manzanita Lake Amphitheater.
Join a park ranger for an evening slide program about the park’s natural or cultural history.

Services and Facilities

Accessibility

Accessible facilities include the Loomis Museum, Manzanita Lake Camper Store, and the Kohm Yah-mah-nee Visitor Center. Wheelchair-accessible restrooms are located at the Loomis Plaza, Summit Lake and Kings Creek picnic areas, Bumpass Hell parking area, Kohm Yah-mah-nee Visitor Center, Devastated Area Trail, and Sulphur Works. Campgrounds with accessible sites include Manzanita Lake, Summit Lake South, and Butte Lake. Wheelchair accessible paths include the Devastated Area Interpretive Trail, the Sulphur Works Area, and the Lassen Crossroads Information Area. Multiple scenic pullouts on the Main Park Road have wheelchair accessible wayside exhibits, as well as the Loomis Museum and visitor center. All ranger programs at the Loomis Museum are wheelchair-accessible.

Emergencies

Dial 911 to report any emergency, 24 hours a day.

Gasoline

Gasoline is available at the Manzanita Lake Camper Store during operating hours.

Lost and Found

If you lose or find an item, contact a ranger and report the item.

Phones

Cell phone coverage in the park is spotty. Pay phones are located outside the Manzanita Lake Camper Store and the Loomis Museum.

Picnic Areas

Picnic areas are found throughout the park (see the map on page 12).

ATM

The Manzanita Lake Camper Store has an ATM

Showers and Laundry

Coin-operated showers and laundry machines are available 24 hours a day at the Manzanita Lake Camper Store.



Manzanita Lake Area

5900' (1798 m.) elevation. 1 mile beyond the northwest park entrance.

INFORMATION

- Loomis Museum: 5/22 - 10/30 (Daily) 9 AM - 5 PM
- Wilderness Permits: Required for overnight backcountry trips. Provided during operating hours.

FOOD AND GIFTS

- Loomis Museum: Gifts and bookstore.
- Manzanita Lake Camper Store: Supplies, gifts, sandwiches, ice cream. 5/21 - 6/19 (Daily) 9 AM - 5 PM 6/20 - 9/6 (Daily) 8 AM - 8 PM 9/7 - 10/12 (Daily) 9 AM - 5 PM



Drakesbad

5600' (1707 m.) elevation. 17 miles north of Chester; see map on back page.

FOOD AND LODGING

- Drakesbad Guest Ranch: 6/4 - 10/12 (Daily). For reservations call (530) 529-1512



Kohm Yah-mah-nee Visitor Center

6700' (2042 m.) elevation. 50 miles east of Red Bluff on Highway 36, then 6 miles north on 89.

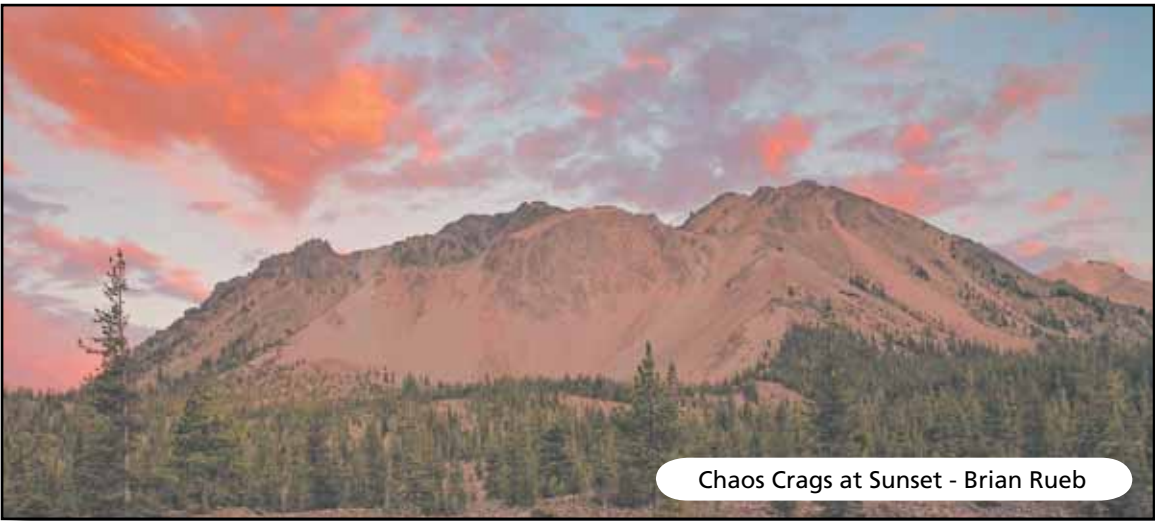
INFORMATION

- 1/1 - 5/29 (Daily) 9 AM - 5 PM
- 5/30 - 10/30 (Daily) 9 AM - 6 PM
- 10/31 - 12/31 (Daily) 9 AM - 5 PM
- Wilderness Permits: Provided at Information Desk during operating hours and 24 hour vestibule after hours.
- Auditorium, park film, and exhibits.

FOOD AND GIFTS

- Lassen Association: Bookstore, gifts.
- Concessioner: Supplies, gifts, sandwiches, ice cream, coffee or espresso.

Weather and Climate Data



Sunrise (a.m.) and Sunset (p.m.) Times			
	1st	10th	20th
June	5:37/8:27	5:34/8:33	5:34/8:37
July	5:38/8:38	5:43/8:36	5:51/8:30
August	6:02/8:20	6:10/8:09	6:20/7:56
September	6:32/7:37	6:40/7:23	6:50/7:06
October	7:00/6:48	7:10/6:33	7:20/6:18

Full Moon	New Moon
June 7	June 22
July 7	July 21
Aug. 5	Aug. 20
Sept. 4	Sept. 18
Oct. 3	Oct. 17

Spring / Summer / Fall Weather
From elevations of 5650' in Warner Valley to 10,457' on top of Lassen Peak, a wide variety of weather conditions occur in Lassen Volcanic National Park. Expect a 5° temperature decrease for every 1000' increase in elevation. Prepare for your visit; bring layered clothing, raincoat, and sunscreen.

	Average High/Low Temperatures
May	70/29 °F
June	79/34 °F
July	84/40 °F
August	85/40 °F
September	78/36 °F
October	69/30 °F

Data is for Manzanita Lake, at 5900' elevation.



2008 Photo Winner by Brian Rueb

WOW, THAT'S A GREAT SHOT! - ENTER LASSEN VOLCANIC'S PHOTO CONTEST

Each year thousands of magnificent pictures are taken in Lassen Volcanic National Park. If you have one of those "great shots" this is your chance for a year of fame. The Lassen Volcanic Annual Park Pass Photo Contest will run May 1 through September 12, 2009. The winner's photo will be featured on the 2010 Lassen Volcanic Annual Park Pass. The winning photographer will also receive a \$50 gift certificate, courtesy of the Lassen Association to use at one of the park bookstores.



- Photos must be no larger than 5" x 7" and printed on photo quality paper
- Limit of two photos per household
- Entries must be received by the park's fee office no later than 5:00 p.m. on Sept. 12, 2009
- Photos will not be returned and become property of the National Park Service

The contest is open to the general public, park employees, volunteers and their families. Photos should be mailed to Lassen Volcanic National Park, Attn: Fee Office, P.O. Box 100, Mineral, California 96063-0100 or dropped off in person at the park. Call 530-595-4444 x5184 for more information. For each photo submitted, list your name, address, phone number, subject and location.

Campgrounds

Each campsite has a table, bear-proof box, and fire ring. There are no hook-ups.

	# of Sites	Season (weather permitting)	Daily Fees	Features	Notes
Butte Lake - 6100’	101	6/5 - 10/31	\$16	A, F, V, W, B, RV, G, R	rough gravel road
Crags - 5700’	45	6/12 - 9/22	\$12	V, W, RV, G, N	
Juniper Lake - 6800’	18	7/2 - 9/15	\$10	V, B, G, N	rough gravel road; trailers not advised
Manzanita Lake - 5900’	179	5/22 - 10/31	\$18	A, F, V, W, B, RV, S/L/S, DS, G, R	pull-through RV sites available
Summit Lake North - 6700’	46	6/26 - 9/22	\$18	F, W, B, RV, G, R	
Summit Lake South - 6700’	48	6/26 - 10/31	\$16	A, V, W, B, RV, G, R	
Southwest Walk-In - 6700’	20	year-round	\$14	F, V, W, N	
Warner Valley - 5600’	18	6/5 - 10/31	\$14	V, W, RV, G, N	rough gravel road; trailers not advised
Butte Lake Group Sites - 6100’	6	6/5 - 9/15	\$50	V, W, B, RV, G, RR	
Lost Creek Group Sites - 5900’	8	6/12 - 9/29	\$50	V, W, RV, G, RR	closed 7/28 - 8/3
Juniper Lake Group Sites - 6800’	2	7/2 - 9/15	\$30	V, B, G, RR	

First-Come, First-Served

All campgrounds, except for the group sites, have designated first-come, first-served campsites. You cannot reserve these sites, but they can fill up. You may not hold a site for someone who has not arrived.

Reservable Sites

You can reserve a site at all campgrounds with a “R” on the chart and you must reserve a site with “RR” on the chart. Reservable sites can fill up. For reservations call 1-877-444-6777 or visit <http://www.recreation.gov>

Overflow Camping

No overflow camping exists in the park, however the park rarely fills all available campsites. Camping or overnight vehicle parking in pullouts, parking areas, picnic grounds, or any place other than a designated campground is not permitted.

Check-in & Check-out

Check-in any time, but sites may not be available until 12 NOON. Check-out time is 12 NOON.

Quiet Hours

Each visitor deserves to hear the natural sounds of this beautiful environment. Respect this by complying with the law: generator operation prohibited 8 PM - 8 AM; quiet hours 10 PM - 6 AM.

Stock Corrals

Stock corrals are available at Butte, Summit, and Juniper Lakes. Reservations are required: call (530) 335-7029.

A	Accessible sites available	S/L/S	Pay showers/laundry/services nearby
F	Flush toilets	DS	Dump station
V	Vault toilets	G	Generators allowed 8 AM - 8 PM
W	Potable water until Sept. 15	R	Partially reservable
B	Boat launch	N	No reservable sites
RV	RV sites available	RR	Reservation required

Campfire Restrictions

Gather only dead and down wood. Open fires are restricted to metal fire rings only. Fires must be out cold before you leave.

Campsite Capacities

A maximum of two vehicles is allowed at each campsite, except at designated group sites. A motorhome, tow vehicle, any trailer, car or truck count as one vehicle. Campsite capacity is limited to six persons and three tents. Group campsite capacity is 25 persons per site. Group campsites at Juniper Lake Campground are restricted to tent camping only with a maximum of 15 persons per site.

Length of Stay

Camping is limited to 14 days per year per campground, except at Summit Lake, which is limited to 7 days per year.

Discounts

Holders of Senior and Access passes receive a 50% discount on camping fees, except for group campsites.

Wilderness Camping? A Permit Is Required

Permits

A free wilderness permit is required for overnight camping in Lassen Volcanic’s backcountry wilderness. You are limited to a maximum of 10 people per permit per site; up to 20 people may hike together.

Permits are available in person during operating hours at the Loomis Museum, Kohm Yah-mah-nee Visitor Center, and the Summit Lake, Juniper Lake, Butte Lake, and Warner Valley Ranger Stations (self-registration). Permits are also available in advance through our website or by phone at 530-595-4480.

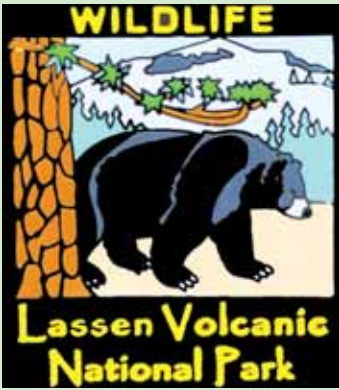
Campsites

Camp at least 300’ from other groups, 100’ from streams and lakes, and at least 1/2 mile from any developed area. Camping is prohibited within 1/4 mile, and/or within sight of the same, from ANY hydrothermal feature as well as the following: Cascade Springs, Kings Creek Falls, Cinder Cone, Painted Dunes, Lassen Peak, Cliff Lake, Little Willow Lake, Crags Lake, Mt. Harkness Summit, Crumbaugh Lake, Hat Creek Cabin, Echo Lake, trail from Summit Lake to Echo Lake, and the Upper and Lower Kings Creek Meadows.



Food storage lockers like this are found at all developed campsites

Please use the food storage lockers provided to store all your food and anything that emits an odor (toothpaste, soap, cosmetics, toiletries) when camping. Bears are attracted to anything that has a scent. We recommend the use of portable food storage canisters while camping in the backcountry where storage lockers are not available. Be sure to place these containers at least 100 feet away from your campsite. Most importantly do not feed any bear or any other animal (including jays, ducks and geese). The old adage “a fed bear is a dead bear” is true. Problem bears are no longer captured and relocated. If a bear becomes a threat to human safety, it will have to be destroyed. If you do encounter a bear in a developed area such as a campground, be aggressive and yell and make loud noises to scare it away. You can also throw rocks or sticks at the bear (not at its head) to scare it. Be sure to report the incident to a campground host or any Park Service employee as soon as possible. If you happen to come across a bear when in an undeveloped area, do not approach the bear. Keep a distance of at least 50 yards and do not interfere with what the bear is doing. Take a step back and consider yourself lucky to have seen one of the bears of Lassen Volcanic.



Day Hiking



Hi, I'm Joe Pettegrew, Lassen Volcanic's trail crew leader. We have over 150 miles of hiking trails here in the park. Our most popular day hikes are listed on this page. To help you choose, I've given them a rating, but keep in mind this is just one hiker's opinion. If you are visiting in June or early July, some trails might still be closed by snow, so ask a ranger which trails are open. Please help us protect this special place by following a few rules:

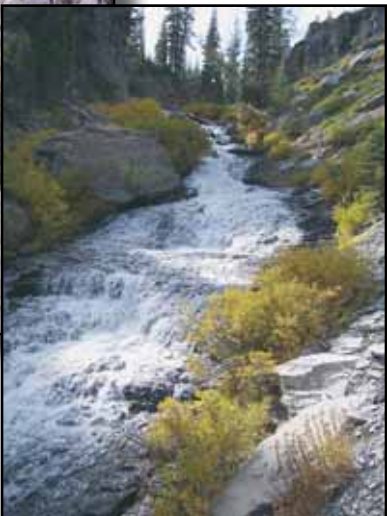
Stay on established trails and boardwalks. This is especially important in thermal areas where the ground may be dangerously thin.

Pets are not allowed on park trails.

Leave all rocks, plants, animals, and artifacts undisturbed for the enjoyment of future users.



top: Kings Creek Falls



right: Kings Creek Cascades

Devastated Area	Manzanita Lake	Trail	Bumpass Hell	Kings Creek Falls
0.5 miles (0.8 km) loop trail	1.8 miles (2.9 km) loop trail	<i>Total Distance</i>	3 miles (4.8 km)	3 miles (4.8 km)
0 feet	0 feet	<i>Elevation Gain</i>	300 feet (91 meters)	700 feet (213 meters)
30 minutes with stops	1 hour	<i>Time</i>	2 hours	2 hours
Interpretive exhibits, views	Fishing, mountain views	<i>Highlight</i>	Mudpots, hissing fumaroles	Waterfall, wildflowers
Easy walk along a paved trail. Exhibits highlight the eruption of Lassen Peak, with great views along the entire trail. Accessible to wheelchairs.	Easy walk around the lake. Keep your eyes and ears alert, birds, trout, wildflowers, and wildlife frequent the lake shore. Trail can be rocky at times.	<i>Description</i>	Moderate hike over rocky terrain with grand vistas. The trail drops into an active hydrothermal basin. Stay on the boardwalk for your safety.	Moderate hike over rocky terrain and small rock formations. Trail forks at end of meadow. The horse trail (north fork) is less strenuous.
Devastated Area Parking Lot, 10 miles S. of Loomis.	Pick up the trail at any point and loop back.	<i>Trailhead Location</i>	23 miles S. of Loomis and 6 miles from Southwest Entrance.	17 miles S. of Loomis and 13 miles from Southwest Entrance.
Look around, you will see rocks as large as dump trucks that were carried down from the 1915 eruption of Lassen Peak.	The lake was formed when rock avalanche debris from Chaos Crags partially dammed Manzanita Creek.	<i>Nature Note</i>	Listen for Big Boiler, a hissing fumarole that can reach 310 ° F (154 °C) and sounds like a busy airport runway.	One of the best trails to see wildflowers. Different species can be seen blooming almost the entire summer season.
★ ★	★ ★ ★ ★	<i>Joe's Rating</i>	★ ★ ★ ★ ★	★ ★ ★ ★ ★
Easy Walks			Moderate Hikes	

Cinder Cone	Terrace, Shadow, and Cliff Lakes	Trail	Brokeoff Mountain	Lassen Peak
4 miles (6.4 km)	3.5 miles (5.6 km)	<i>Total Distance</i>	7 miles (11.25 km)	5 miles (8 km)
700 feet (213 meters)	550 feet (168 meters)	<i>Elevation Gain</i>	2600 feet (792 meters)	1957 feet (596 meters)
3 hours	3 hours	<i>Time</i>	4-5 hours	4-5 hours
Hike inside summit crater	3 mountain lakes	<i>Highlight</i>	Panoramic views	Panoramic views
Hike begins along Fantastic Lava Beds, opens up with views of the Painted Dunes, and becomes steep with a loose cinder base during the summit climb.	Hike takes you alongside three alpine mountain lakes: Terrace, Shadow, and Cliff Lakes. The trail is steep between lakes, but mostly flat otherwise.	<i>Description</i>	Steep trail and tricky early season stream crossings give way to panoramic views of the entire park, the Sacramento Valley, and Mount Shasta.	Steep trail with loose rocks and cinders. Follow switchbacks up the mountain and please help save Lassen Peak by staying on the official trail.
The trail begins near the Butte Lake boat ramp.	19 miles S. of Loomis and 10 miles from Southwest Entrance.	<i>Trailhead Location</i>	29 miles S. of Loomis and 1 mile from Southwest Entrance.	22 miles S. of Loomis and 7 miles from Southwest Entrance.
Scientists believe the Cinder Cone formed around 350 years ago. Notice the large lava bombs along the trail near the cone.	Each lake is very different in size, shoreline features, and depth. Cliff Lake sits quietly beneath towering Reading Peak.	<i>Nature Note</i>	Brokeoff Mountain is part of the eroded rim of the ancient Brokeoff Volcano. See if you can imagine it on the summit.	Climb an active, but dormant, volcano. The 1915 lava flow near the summit showcases the youngest rocks in California.
★ ★ ★ ★ ★	★ ★ ★	<i>Joe's Rating</i>	★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★
Moderately Strenuous Hikes			Strenuous Hikes	



Visitors Prepare To Hike Lassen Peak

Plan Ahead

As a day hiker, no permits are required. You are entirely on your own, and cell phones may not work in the park. *Your descent into Wilderness, however brief, marks your entry into a world in which preparation, self-reliance, and common sense are crucial.* Wear sturdy boots, carry plenty of water and food, and wear sunscreen.

Weather Conditions Change

Severe storms can occur suddenly. Climb peaks and ridges early in the morning. Head for lower elevation during lightning activity.

Finish Hikes Before Sunset

Sunset times are earlier in areas shadowed by mountains. Always carry a flashlight with spare batteries and warm clothing in case of unexpected delays. See page 4.

Help Save Lassen Peak!

Thousands of hikers each year make the trip to the summit of Lassen Peak. Hiking Lassen Peak can be one of the most memorable experiences of your lifetime, but please take only memories and leave only footprints on the designated trail. Shortcuts quickly erode volcanic soils and damage alpine plants such as the Lassen Peak Smelowskia, found in only one place in the world: Lassen Peak!



MANY THANKS TO OUR TWO PARK PARTNERS



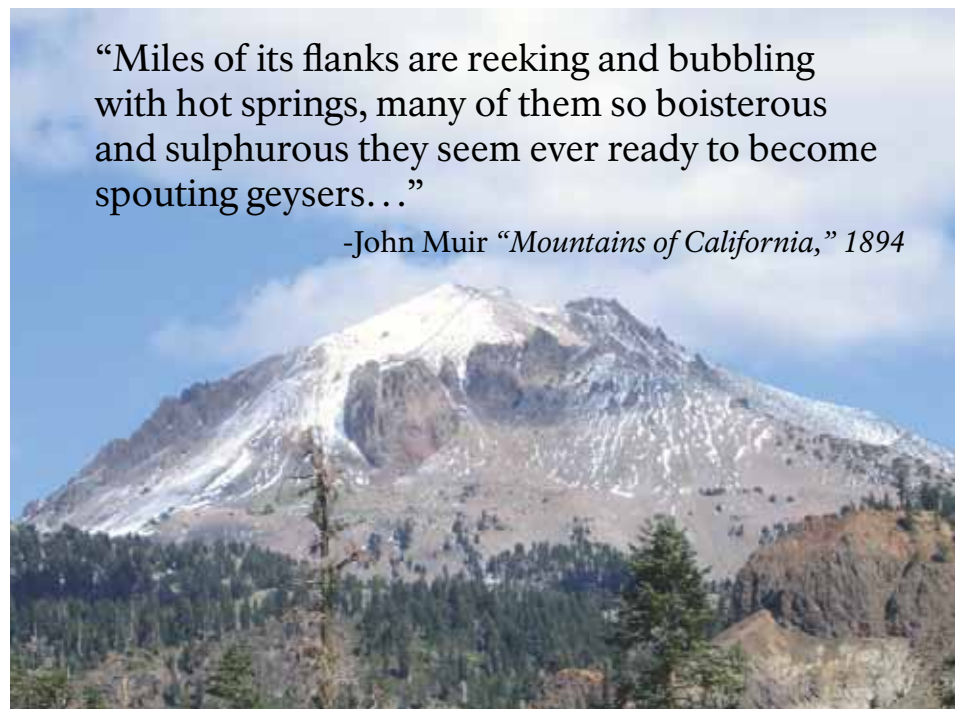
The Lassen Association (LA) has assisted the National Park Service since 1939 in providing park visitors with interpretive and educational merchandise about the many and varied features of the park.

DID YOU KNOW? Lassen Volcanic National Park straddles a crossroads of four great geologic and biologic provinces—the Cascade Range, the Sierra Nevada, the Central Valley of California, and the Great Basin.

DID YOU KNOW? Lassen Volcanic National Park started as two separate national monuments designated by President Theodore Roosevelt in 1907: Cinder Cone National Monument and Lassen Peak National Monument.

These facts and more can be found in our publications. Come and explore today!

For information on how to join our mission visit our online membership program at www.lassenassociation.org. Or contact us directly at (530)595-3399 or lassenassociation@yahoo.com.



“Miles of its flanks are reeking and bubbling with hot springs, many of them so boisterous and sulphurous they seem ever ready to become spouting geysers...”

—John Muir “*Mountains of California*,” 1894

We provide books, maps, trail guides and videos about the natural and cultural history of Lassen Volcanic National Park. Additionally, we offer a large selection of educational gift merchandise to enhance your park experience and memories to take home.

Our publications are available at various sales outlets in the park or online at www.lassenassociation.org

Enjoy the park’s boiling, bubbling, boisterous thermal areas as well as the many other features that are ready for your exploration much in the same condition as when visited by John Muir 112 years ago.

Make a Difference!



With generous contributions from Park visitors, the Lassen Park Foundation has helped support:

- Restoration of Lassen Peak Trail
- Lassen Crossroads Information Center
- Scientific research on bats and songbirds
- Camping trips for disadvantaged youth
- Winter snowshoe educational program
- The Park's new Kohm Yah-mah-nee Visitor Center*



Join us today!



Please become a Friend of Lassen by contributing to the Lassen Park Foundation! Contributions of \$50 or more will receive a Lassen Park Foundation cap or polo shirt (depending on size of donation). Your donation is tax-deductible. Please make checks payable to Lassen Park Foundation.

To learn more visit www.lassenparkfoundation.org or email info@lassenparkfoundation.org. Lassen Park Foundation, P.O. Box 3155, Chico, CA 95927-3155. Phone (530) 898-9309.

*Only \$92,000 remains to complete funding for this visitor center!

Ask a Ranger

Question: I only have a day or two to see the park, what should I do?

Answer: Lassen Volcanic National Park provides a wealth of fun activities that are as varied as the seasons of the park. Here is a sample of what the park has to offer based on your length of visit.

Several hours: The Main Park Road offers many scenic vistas and access to several of the most popular hiking trails. A one-way journey on the road will take approximately one hour without any stops in good weather. A moderate 3 mile (round-trip) hike to Bumpass Hell is a rewarding way to experience the park's largest hydrothermal (hot water) area. The Devastated Area interpretive trail is a 30 minute stop that offers amazing views of the destruction caused by Lassen Peak's eruptions of 1914-17. Sulphur Works is another quick stop showcasing an active hydrothermal area. Be sure to stop at the Loomis Museum to see historic artifacts and the Kohm Yah-mah-nee Visitor Center to view the park film and experience the interactive exhibits. If you brought your lunch, popular



Bumpass Hell

picnic spots include North Summit Lake, Kings Creek, and Lake Helen. You can purchase food at the Manzanita Lake Camper Store or the Kohm Yah-mah-nee Visitor Center.

One day: Thousands of visitors hike Lassen Peak every year. This strenuous hike offers stunning views of the Cascade Mountains and the Sacramento Valley. At the top of the mountain it is easy to picture the devastation from the 1915 eruption. Here you can view the crater caused by the eruption and look down upon the Devastated Area from above. Be sure to start early and get



On a calm day, Lake Helen can reflect Lassen Peak like a mirror.

a current weather forecast before you begin. If a strenuous hike does not appeal to you, you could drive the Main Park Road at a leisurely pace, stopping at the Sulphur Works and Devastated Area interpretive exhibits, at any one of our many picnic areas for

lunch, and at Manzanita Lake for a gentle 1.8 mile stroll around the picturesque mountain lake. At the end of your day you should pitch



Cinder Cone with Butte Lake in background.

a tent under the bright stars in one of our eight campgrounds. For additional recommended stops along the Main Park Road, see the map on page 12.

Two or more days: A longer visit to the park would not be complete without a trip to the Cinder Cone in the Butte Lake area. You can arrive the night before and camp at the Butte Lake Campground or get an early start to beat the heat and watch the morning sun rise above the beautiful Painted Dunes. After the hike, cool off with a dip in Butte Lake and catch your limit of rainbow trout for a tasty dinner. See page 6 for additional hiking trail descriptions and recommendations.

WHERE CAN I....

GO FISHING? Whether fishing from shore with the kids, or fly-fishing Manzanita Lake from a float-tube, Lassen Volcanic National Park has plenty of opportunities to land the big one. Trout have not been stocked in the park since the 1980s, but a healthy population of these feisty fish still remain in many lakes and streams (though not in all of them). Manzanita Lake is famous for its large rainbow and brown trout, but keep in mind it is catch and release only and you must use single-hook, barbless, artificial lures only. Butte Lake and Horseshoe Lake both have healthy populations of trout. A valid California fishing license is required to fish in the park.

GO BIRDWATCHING? Over 83 species of birds nest in the park. Raptors and other birds-of-prey are frequently sighted soaring above the rocky peaks between Brokeoff Mountain and Lassen Peak. The Manzanita Lake loop trail hosts many migratory birds and summer residents and is a favorite spot among bird watchers. The Cluster Lakes loop starting at Summit Lake is another trail popular among bird watchers.

RIDE A BICYCLE? Keep bikes on paved roads only, not on any trail.

GO BOATING? Non-motorized boats are allowed on most lakes within the park. You can rent kayak for use on Manzanita Lake at the Camper Store. The following lakes are closed to all vessels: Boiling Springs Lake, Emerald Lake, Lake Helen, Reflection Lake, and Hat Lake.

GO PICNICKING? See picnic symbols on map (page 12). Never leave food unattended. Most sites have tables, and restrooms. Water is not available at most sites.

TAKE GREAT PHOTOS? Due to the bright mountain sun, sunrise and sunset are generally the best times to take photos in the park (see page 4 for these times). On a calm day, Manzanita Lake and Lake Helen can offer crystal clear reflections of Lassen Peak. The southern 10 miles of the park road offer sweeping vistas and views of craggy mountain peaks.

GO HIKING? See page 6 for more information about full day, half day, and short hiking trails in the park.

GO CAMPING? See page 5.

WALK A PET? Not on trails but leashed pets are allowed in developed areas such as campgrounds, picnic areas, paved roads, and parking lots. Ask a ranger about locations just outside the park where you can enjoy trails with your pet.

HAVE A FIRE? Campfires are allowed only in fire rings provided in developed campgrounds. Backcountry fires are not allowed.

CUT WOOD? Not in the park, but you can gather dead and downed wood to use in fire rings at developed campgrounds.

COLLECT THINGS? No collecting or removal of any objects from the park. Leave everything to play its natural role in the ecosystem. Archeological sites and artifacts are protected by law.

FEED WILDLIFE? Not in the park! Animals become unnaturally dependent. Some can become dangerous and may have to be killed. Some can carry disease. Roadside beggars can be hit by cars. People food is unhealthy for them.

(Continued from page 1)
“That would add up to really big savings,” you respond eagerly after quickly calculating your monthly energy bills in your head. “What do you have in mind,” you ask the ranger.

- “Here are a few suggestions:”
1. Open your windows at night and let in the breeze. Pair this up with a good ceiling fan and you can switch off your power-hungry air-conditioner for hours every day.
 2. Turn off computers and appliances when not in use. If possible, unplug all adapter plugs. They continue to use power even when the appliances they are connected to are turned off. “Vampire” power used by electronics in standby mode can add up to 8 percent of a house’s electric bill.
 3. Hang your clothes out to dry. It’s free!
 4. Replace light bulbs with compact fluorescent or LED bulbs when possible.
 5. Open up the blinds and shutters and let the natural light in. Turn off interior lights during the day, and all lights when not needed.

“These are just a few money saving suggestions,” said the ranger. “With a little research you will discover that there are nearly endless ways to do better by conserving energy in your home. By reducing your energy use, you are saving money while reducing your carbon footprint, which in turns helps protect our planet for this and future generations. It is a win-win situation.”

Feeling enlightened, you thank the ranger for their time and continue on towards Bumpass Hell. As you take a break at a scenic overlook, you watch some children play hide and seek around a large hemlock tree. The conversation with the ranger begins to sink in. “I can do better. I can make a difference. I can take more vacations with the ‘free money’ the ranger offered. After all, I have nothing to lose and these children have everything to gain.”

Become an Honorary Wildlife Biologist: Report Your Wildlife Sightings!

How would you like to become an Honorary Wildlife Biologist for Lassen Volcanic National Park? We need your help to monitor wildlife populations. Of particular importance are species of raptors (hawks, eagles, falcons and owls), forest carnivores (mountain lions, bobcats, martens, weasels, coyotes, red and gray foxes), and black bears.



Park staff survey wildlife, but we cannot be everywhere at once. You can assist. If you see an animal you think the park should know about, document the species you observed, and record the location, date, time, and what the animal was doing. The entrance stations, visitor centers, and Drakesbad Guest Ranch will have copies of the park’s wildlife sighting form for you to fill out and return. Or you can write down the information and give it to any park employee who will route it to our wildlife biologist. The observations you turn in will be entered into a database to document species occurrence. By turning in wildlife sighting forms you become an Honorary Wildlife Biologist and will help to preserve and protect the wildlife of Lassen Volcanic. Thank you for your cooperation. Now go be a Honorary Wildlife Biologist!

Climate Change *The role of national parks*

Today, climate change has become a concern for our way of life. There are many different theories within the scientific community about what changes could occur, how they might occur, and their effects on wildlife, plant life, and human life. Currently, we are unable to predict beyond a reasonable doubt how ecosystems will react and adapt to our forecasted warming climate. We do know that climate change has always been a natural cyclic force of nature, however the majority of the global scientific community agrees that people’s lifestyles of consumption and demands for natural resources has thrown nature’s cycle out of balance thus rapidly speeding up climate warming at an un-natural pace.

Global mean temperature has raised .8°C (1.33°F) since 1880; more than 20% of this change has occurred since 1996. What evidence do we have that this increase in temperature affects our environment and what are its consequences? National parks can help answer these questions through research and by monitoring changes that occur in their ecosystems. The data collected will help indicate the direct and indirect effects on park resources and on the people who live and work in the surrounding environment.



Old-growth Red Fir Tree

There are indications that national parklands may currently be affected by climate change. At Rocky Mountain National Park, warmer temperatures have allowed a greater number of pine beetles to survive winter and an epidemic of pine tree disease and death has resulted. An increasingly hot and dry climate is predicted to kill 90% of the Joshua trees at Joshua Tree National Park. Science and statistics will help us see the changes happening in our parks, cities and towns; the lifestyle choices we make now can help protect the ecosystems that make these places special for us and generations to come.

Your national parks play a role in slowing the rate of climate change. One aspect of how natural healthy ecosystems are a vital part of this process is the role of forests. During rapid growth stages, trees store massive amounts of carbon as they mature. Essentially, forests and other ecosystems are a part of the planet’s air filtration system.

Here at Lassen Volcanic National Park, baseline data such as air quality and snowpack is being collected and will be used to determine climate changes.

Many parks convey stories of how people have responded to shifting climate patterns over thousands of years. These stories provide some foundational information for us today. With our wealth of knowledge and better methods of research, we can find more effective ways to deal with climate change. Will we do what needs to be done? Read about ways you can help support a healthy planet on the front page

Swarm of Earthquakes Occur Near Lassen Peak

Between March 17th and March 19th, 2009 at least 48 minor (M<2.2) earthquakes were recorded by the United States Geological Survey beneath the south flank of Lassen Peak. We asked USGS volcanologist Michael Clynne a couple of questions to find out what these earthquakes mean.

Question: What caused the swarm of earthquakes?

Answer: While it is impossible to determine exactly what happened, our best guess is that cool groundwater has found its way down to the hot rock located approximately 5 km below the ground. The cold water causes the hot rock to cool and contract which stresses the rock and causes it to crack and fail. This cracking and breaking of the rock is recorded as small earthquakes by our instruments.

Question: Do these earthquakes mean Lassen Peak is going to erupt again? Should we be worried?

Answer: Short answer, No. Earthquake swarms are not unusual in this area, and this swarm appears to be within the norm of earthquake activity detected in the Lassen area since the modern seismic network was installed in 1980. Earthquakes usually have a signature, meaning we can determine what caused them by their characteristics. These earthquakes did not involve magma movement and were not long period events like those along fault lines. They were simply short, rock breaking earthquakes related to the shallow Lassen hydrothermal system.

Question: Is there anything else you would like to share?

Answer: The USGS will continue to monitor Lassen Volcanic National Park closely as we do with all Cascade Volcanoes.

Boiling Spring Continues to Grow at Sulphur Works - Road Deemed Safe for Vehicles.

If you haven’t visited Sulphur Works lately, chances are it will look quite a bit different this time around. The size, shape, and location of fumarolic activity near the sidewalk has undergone dramatic changes. We asked USGS volcanologist Patrick Muffler a couple of questions to find out what these changes mean.

Question: What is happening at Sulphur Works?

Answer: What you see are changes in the near-surface (<50 feet) hydrology of the Lassen hydrothermal system. The thermal discharge that in 2004 was distributed in more than five discrete vents spread over the roadcut is now concentrated in one prominent, vigorously boiling, muddy pool adjacent to the road.

Question: Why did it change so fast?

Answer: As snow melt and rain seeps into the boiling spring, the adjacent soil is weakened and slumps or slides into the spring. This slumping of the soil causes the spring to “migrate” down hill. This type of activity is common in Lassen’s hydrothermal systems. What is unique about Sulphur Works is that this activity is occurring near a major roadway and is easily documented. Changes like this happen in Lassen’s backcountry all the time, but they usually go unnoticed.



DOT engineer Justin Henwood uses ground-penetrating radar to evaluate the road near the boiling spring.

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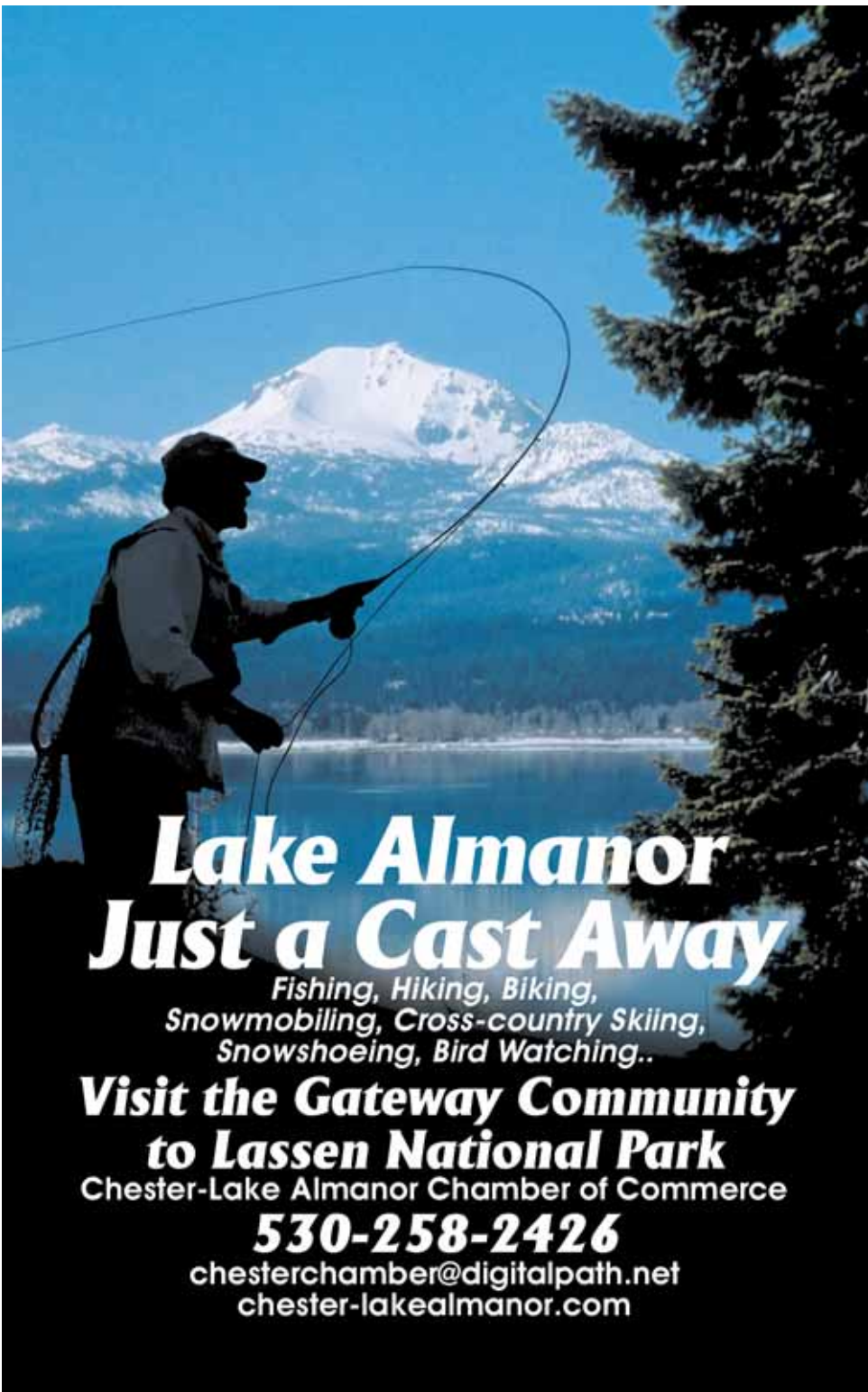
Map: Northwest Entrance, Chaos Jumbles, Manzanita Lake, Summit Lake, Lassen Peak, Bumpass Hell, Drakesbad Guest Ranch, Kohm Yah-mah-nee Visitor Center, Southwest Entrance.

*CALIFORNIA GUEST SERVICES IS AN AUTHORIZED CONCESSIONER OF THE NATIONAL PARK SERVICE

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Chester and Lake Almanor (contd.)



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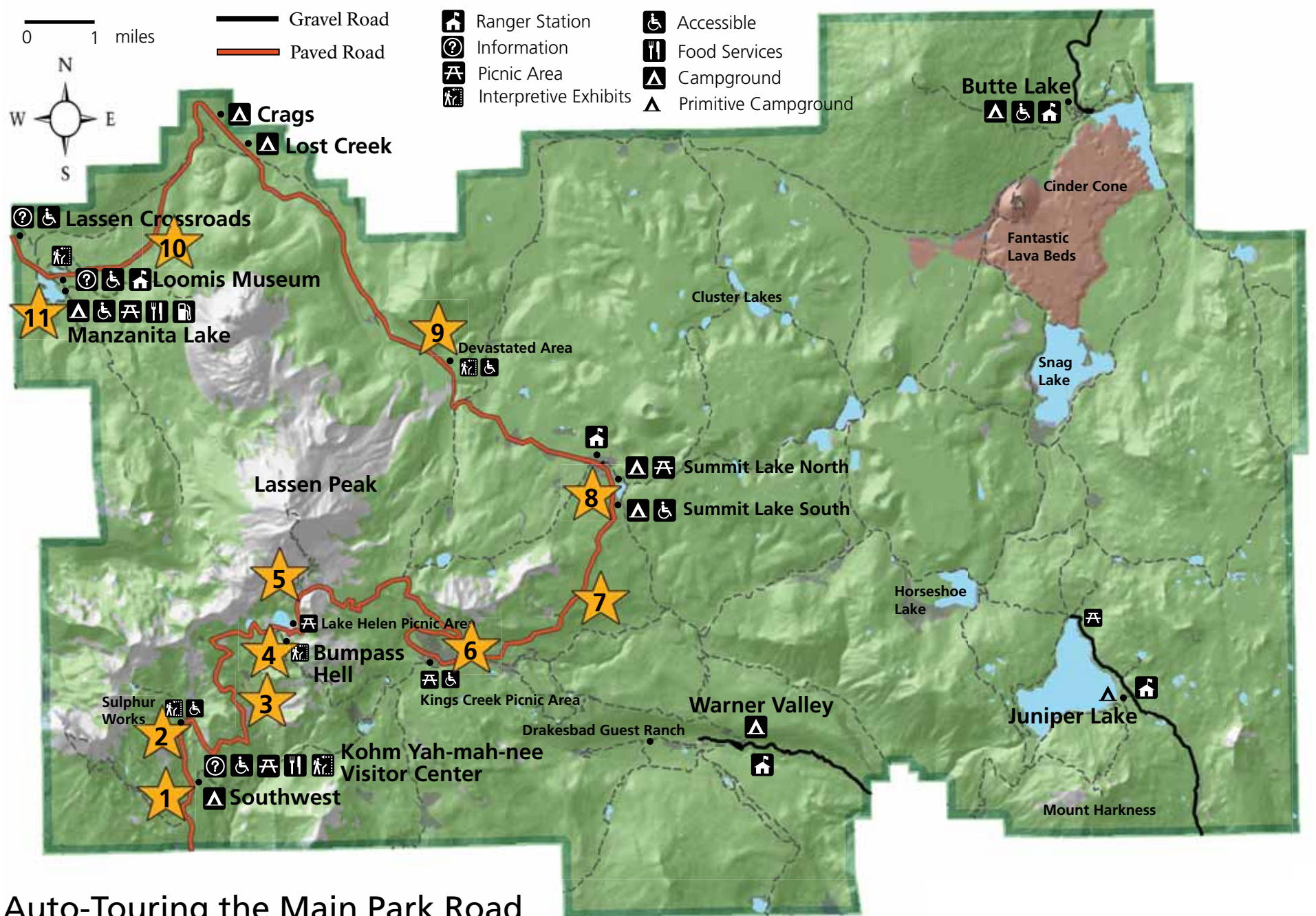
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Auto-Touring the Main Park Road

If you are like most visitors to Lassen Volcanic National Park you will drive on the Main Park Road during your visit. The Main Park Road extends over 29 miles between the southwest and northwest entrances. From the Southwest Entrance (elevation 6,646 feet) the road climbs to an elevation of 8,512 feet at its summit near Lassen Peak, and descends towards the Northwest Entrance (elevation 5,808 feet) near Manzanita Lake.

The road traverses active hydrothermal areas, sub-alpine forests, mountain meadows, and lava fields. It was designed to display the park’s most scenic and geologically interesting areas. Roadside amenities, including scenic pullouts, trailhead parking areas, and roadside markers were designed and located to enhance the motorists’ experience, to allow hikers access to the park’s extensive backcountry trail system, and to add to the visitor’s understanding of the dramatic geological processes that created the diverse volcanic landscape. The road offers distant views of the surrounding countryside within and beyond park boundaries, as well as a variety of distant and intimate views of the park’s major volcanic feature, Lassen Peak.

Here are some suggested “don’t miss” stops, refer to the map above for their locations:

Stop 1: Kohm Yah-mah-nee Visitor Center

Stop 2: Sulphur Works

Stop 3: Little Hot Springs Valley Scenic Overlook: Keep an eye out for

the pull-out on the east side of the road after you pass the sharp curve of Diamond Point. Here you can find great views of the thermally active valley. Look closely, you might spot deer or a even a wandering bear on the valley floor.

Stop 4: Bumpass Hell Overlook: Although you can’t see Bumpass Hell, the views from this overlook located at the end of the parking lot can’t be beat. The spaceship looking device behind the hemlocks is a key part of Earthscope’s Plate Boundary Observatory Project. Very accurate GPS receivers like this one are measuring the movement of the plates on the Earth’s crust. Visit www.earthscope.org to read more.

Stop 5: Lassen Peak Parking Area

Stop 6: Kings Creek Meadow

Stop 7: Lake Almanor Basin Scenic Overlook(s): Several pull-outs are located along this stretch of road. Look towards the Southeast and locate Lake Almanor. The mountains south of Lake Almanor are the High Sierras while the mountains to the north are the Cascades.

Stop 8: North Summit Lake Picnic Area

Stop 9: Devastated Area Interpretive Trail

Stop 10: Chaos Crags and Jumbles Scenic Pull-out: Look for this pull-out on the north side of the road about 0.5 miles after you emerge from the forest. Located within the Chaos Jumbles, this pull-out has dramatic views of Chaos Crags.

Stop 11: Manzanita Lake and Loomis Plaza

